



# ARC-OVER

**T.A.R.C**



**W6BXN**

[www.w6bxn.org](http://www.w6bxn.org)

**147.030 + PL 100.0**



## June 2024 Club Newsletter

The next general club meeting is Tuesday June 11, 2024, at the Turlock Salvation Army 893 Lander Ave. Turlock, CA 95380. The meeting's start time is 7:00 PM and doors will open at 6:30 PM.

This month's license testing session has been cancelled.





From the desk of the ARC-Over editor:  
Lucian KF6NPG

Welcome to the June edition of the ARC-OVER. Please read through this month's newsletter as there are a lot of things going on.

You will find information on the ARRL Field Day (June 22-23, 2024) in the newsletter. This month there will be a presentation by Dinnie N6TLW on field day. Even though the club does not have a club sponsored field day you can still participate. There will also be root beer floats to enjoy at this month's meeting.

Please remember that at next month's meeting on July 9, there will be a potluck. So, bring your favorite dish to share.

Thanks to Mark N6ARP for his excellent presentation on go boxes at last month's meeting. There were several go boxes to view as well.

Spring has suddenly gone away, and we are in the dog days of summer already. We just had our first 100-degree days and there is some information in the newsletter to help you and your pets beat the heat. For additional information check out [www.stanemergency.com](http://www.stanemergency.com)

Look for the article on this history of the SARA club newsletter The READIOUT and TARC newsletter The ARC-OVER. You may recognize some names of former club members.

If you have not already done so, please consider renewing your club membership. Dues pay for the club activities and most importantly paying the rent and maintenance of the club repeater system. Thanks to everyone who has renewed, joined, or donated to the club.

Ed K7ERD has been running the club net on Tuesday's and he is always looking for other club members to assist. Thanks to Fernando W6FRD as he has been running some of the nets to help. If you are interested in running a club net, please contact Ed at a club meeting or on the net to let him know.



**PREZ SEZ:**

Bambi KI6YQL

What happens when you get a text from your kids in Arkansas at 1 am that they are being hit by a tornado? After you get your heart out of your boots, you start thinking about communications. What infrastructure has been destroyed? Are cell towers around? Are any antennas left? Out from the woodwork comes simplex. Sometimes the last man standing so, don't forget to test it every so often, it may be someone's lifeline. For us all was well, but for others it was a disaster, please keep those affected by the tornados in your thoughts and prayers.

See you on June 11<sup>th</sup>.



Amateur Radio Operators, or “hams,” have a long history of serving their communities when storms or other disasters damage critical communication infrastructure, such as cell phone towers and fiber optic networks. Amateur radio functions completely independent of the internet and phone systems, and a ham radio station can be set up almost anywhere in minutes. Amateurs can quickly raise a wire antenna in a tree or on a mast, connect it to a radio and power source, and communicate effectively with others.

The ARRL Amateur Radio Emergency Service® ARES® ([www.arrl.org/ares](http://www.arrl.org/ares)) consists of hams who have voluntarily registered their qualifications and equipment with their local ARES leadership for communications duty in the public service when disaster strikes. They use their training, skills, and equipment to prepare for and

provide communications during emergencies When All Else Fails®. (Courtesy of the ARRL (Amateur Radio Relay League).

If you are interested in emergency communications and serving the community, please consider joining Merced ARES. They have a weekly radio net on Mondays on the TARC repeater at 7:00 pm. **A big thanks to Dinnie N6TLW for running the voice nets.** They meet monthly on the third Wednesday at 6:00 pm at the Pizza Factory, 3146 G St. Merced, CA. **(Meetings are cancelled for June, July, and August).** For more information, please contact the Merced ARES Emergency Coordinator, Richard W6ABJ at [info@w6bxn.org](mailto:info@w6bxn.org).

**General Meeting Minutes**  
Turlock Amateur Radio Club  
05/14/2024, 7:00p

Salvation Army Facility, 893 Lander Ave, Turlock

Meeting called to order at 7:00 pm by President Bambi (KI6YQL) with 20 members and guests in attendance.

**Secretary's Report**

President Bambi (KI6YQL) entertained a motion that the minutes of the last membership meeting be accepted as published. Motion made by Jeff (KN6TFK) and seconded by Eric (K7RKU). Motion carried.

**Treasurer's Report**

Mike, (KG6VFL),

Debits: \$300.00 to Walter (KI6PBL) for 2024-2025 club liability insurance, \$182.00 to post office for club PO Box, \$33.29 to PG&E for power at Mt. Bullion.

Credits: \$25.00 dues collected

Ending account balances: Checking \$5,528.50, CD \$5,046.21

57 dues paid members.

**Repeater Chairman's Report**

Spencer (KJ6ART) absent.

**Membership Chairman's Report**

John (N6JCS) absent.

### **ArcOver Publisher's Report**

Lucian (KF6NPG), no report.

### **Vice President's Report**

Lucian (KF6NPG), upcoming meeting presentations

- May meeting - Go Boxes, Mark (N6ARP)
- June meeting (Root Beer Floats) - presentation topic pending
- July (potluck) - No presentation
- August - Packet Communications, Spencer (KJ6ART)
- September - ARES, Richard (W6ABJ)
- October - Winlink, Lucian (KF6NPG)

### **Merced ARES Report**

Dave (KG6NUO), announcement of upcoming meeting.

### **VEC Report**

No report

### **Old Business**

- no old business

### **New Business**

- no new business

Meeting Adjourned at 7:13 pm. Motion made by Jeff (KN6TFK) and seconded by Eric (K7RKU). Motion carried.

Eric (K7RKU), Secretary





## What is ARRL Field Day?

Produced by ARRL, the national association for amateur radio

<http://www.arrl.org>

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls, and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called “hams”) are well known for our communications support in real disaster and post-disaster situations.

### **What is the ARRL?**

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

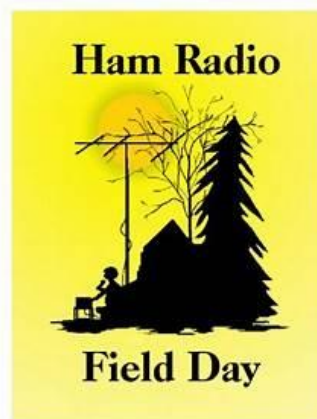
### **What is Amateur Radio**

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data, and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment but can create whole new ways to do things.

**For More Information visit:** [www.arrl.org/field-day](http://www.arrl.org/field-day)

Updated 6/2024





# SARA & TARC Newsletter History

The lead story read "K6AYA Operates Bed Pan Mobile". followed by stories of the first work done on Black Butte Mountain for the club's two meter repeater. Dues were just \$15.00 and the Thursday night SARA

one of the charter members of the SARA who helped form the in 1976 and later served two terms as club President. He has been the only editor with the exception of two issues published in 1980 by W6LHQ.

A contest was announced in 1980 by then President Les Lester, W6LHQ, to select a name for the newsletter and design a logo. The winner of the contest was Turlock old timer, Ivan Lowe, W6SKH, who came up with the name "SARA READOUT" with a circular logo containing the club's name and club station call in the center of the circle with the club's station call in Morse Code across the bottom. It was Ivan's feeling that the art style and name he selected be in keeping with the present day state of the art. Several years later the newsletter masthead and logo was refreshed by WAZLO and it appears today on each newsletter.

Ivan was also involved with designing the original logo of the Turlock Amateur Radio Club which was the only Amateur radio club in the area in the 30's, 40's and 50's.

He joined TARC in the late 30's and received his first ticket in 1940 after radio silence was lifted after WWII. In 1950 the Turlock club decided to have a newsletter and names were tossed about. The late Cliff Price, W6ERE, came up with "ARC OVER" which was the winner.

Ivan was selected as the first editor, newsgetter, printer, (using an antique mimeograph machine) and art editor. He also designed the ARC OVER logo.

In recent years, ARC OVER editor's have included Shirley Owens, WA6QOP, and today's editor Andy Anderson, KA6SJR. And now you know the rest of the story.

-Thanks W6SKH & WA6ZLO



information net was gaining in popularity with Cliff, W6ERE, as the net control. These stories and more appeared in the first edition of the club's newsletter which debuted on December 1, 1977.

The idea for the newsletter, and its editor, was Bob Pinheiro, WA6ZLO. For lack of a better name, it was simply called "Club News" for the first three years. The first edition was printed on both sides of two 8 1/2 x 11 sheets of paper and printed on a copy machine. It was mailed to a grand total of about 35 members. ZLO was



## SARA CW Contest

Novice and Technician members of SARA attention. You can win a nice plague and certificate to hang on your wall by participating in the on going SARA CW contest. The object is to encourage all Novice and Technicians to be active on CW with the eventual goal of upgrading your license. Here are the rules:

1. Must be a SARA member
2. Novice and Technicians only
3. Use the Novice CW portions of 10 through 80 meters

4. You may submit copies of logs from other contests such as Novice Roundup, WPX, CQ Worldwide etc. in addition to Individual contacts.

5. Copies of your logs with QSL cards to verify must be submitted to the contest coordinator, Dave, KJ6DL, at PO Box 691, Ripon, CA. 95366 by the 10th of the new quarter.

6. Scoring: 1 point for stateside contacts. 3 pts. for DX outside the 48 contiguous states. (Alaska and Hawaii count as 3 pts.) Call Dave Buillard, 521-8281 for more information.



## Know the signs and ways to treat heat-related illness

### HEAT CRAMPS

- **Signs:** Muscle pains or spasms in the stomach, arms or legs
- **Actions:** Go to a cooler location. Remove excess clothing. Take sips of cool sports drinks with salt and sugar. Get medical help if cramps last more than an hour.

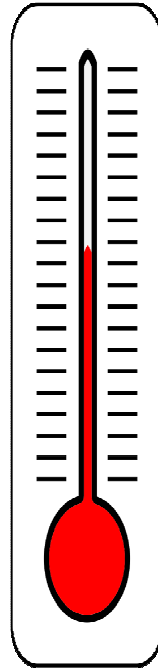
### HEAT EXHAUSTION

- **Signs:** Heavy sweating, paleness, muscle cramps, tiredness, weakness, dizziness, headache, nausea or vomiting, fainting.
- **Actions:** Go to an air-conditioned place and lie down. Loosen or remove clothing. Take a cool bath. Take sips of cool sports drinks with salt and sugar. Get medical help if symptoms get worse or last more than an hour.

### HEAT STROKE

- **Signs:** Extremely high body temperature (above 103 degrees) taken orally; red, hot, and dry skin with no sweat; rapid, strong pulse; dizziness; confusion; unconsciousness.
- **Actions:** Call 911 or get the person to the hospital immediately. Cool down with whatever methods are available until medical help arrives.

## NEVER LEAVE KIDS OR PETS IN THE CAR!



**120°**

Within just 30 minutes, the car's interior can climb from 85° to a scorching 120°.

**102°**

On an 85° day, it only takes ten minutes for the inside of your car to reach 102°.

**90°**

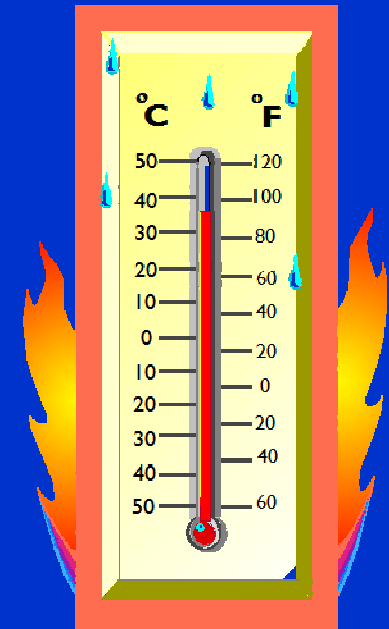
Even if the temperature is only 70° outside, the inside of your car may be as much as 20 degrees hotter!

For a listing of cooling zones or for more information call 2-1-1.



## Beat the Heat

### A Guide for Staying Safe when Extreme Heat Threatens 2018



*Tips for how to Prepare Now, Be Safe During, and how to Recognize and Respond to heat-related illness.*



# HOW TO STAY SAFE WHEN EXTREME HEAT THREATENS

## WHAT:

Extreme heat or heat waves occur when the temperature reaches extremely high levels or when the combination of heat and humidity causes the air to become oppressive.

## WHO:

More males than females are affected



Children



Older Adults



Outside Workers

## WHERE:



Houses with little to no AC



Construction Worksites



Cars

During extreme heat the temperature in your car could be deadly!

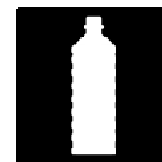
## PETS:

Keep Pets Safe in the Heat

- Never leave your pets in a parked car
- Limit exercise on hot days
- Provide ample shade and water



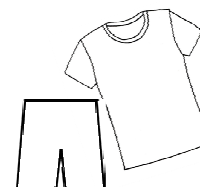
## HOW to AVOID:



Stay hydrated with water, avoid sugary beverages.



Stay cool in an air conditioned area.



Wear light-weight, light colored, loose fitting clothes.

## WHERE TO COOL OFF:

- ♦ Libraries
- ♦ Shopping Malls
- ♦ Community Centers
- ♦ Community Pools



For more resources and information call 2-1-1.



## PROTECT YOUR PET FROM THE DANGERS OF SUMMER HEAT

### TIPS ON KEEPING YOUR PETS SAFE IN THE SUMMER HEAT

Each year Summer brings with it a special danger to your pet. A danger that is unseen, but one each of us can understand.....HEAT.

There are some simple rules that you can follow to protect your pets from becoming seriously sick or even from death.

The following guidelines can save your pet from suffering from heat stroke, and your family from the heartbreak of losing a member of the family.

1. If at all possible leave your pet at home and provide adequate protection from the sun.
2. Make sure there is enough water and it is kept in a shaded place. Water left in the sun will heat to a non-drinkable temperature.
3. Heat stroke can occur when the temperature reaches only 110 degrees. On days when the outside temperature is close to 110 degrees your pet should not be kept in the vehicle longer than 5 minutes without taking it out on a leash.
4. Know the signs of heat stroke in your pet.

*a. Rapid panting*

*b. Wide eyes*

*c. Salivating*

*d. Staggering and weakness*

*e. Advanced heat stroke may cause the animal to collapse and become unconscious*

If you notice any of the above conditions immediately do the following:

- **Cool the animal down by spraying cool water or placing the animal in a tub of cool, not cold, water.**
- **Give the animal small amounts of water or allow the animal to lick ice cubes.**
- **If your animal continues in distress immediately take your pet to a veterinarian.**

# UPCOMING EVENTS

## On Going Events

[Electronics Flea Market](#) at West Valley College in Saratoga. Once a month on the second **Sunday**.

**The club will sponsor 5 amateur radio license test sessions in 2024.**

February 13, 2024, April 9, 2024, June 11, 2024 (CANCELLED), August 13, 2024, and October 8, 2024.

## June

Tuesday 11<sup>th</sup> Club meeting at 7:00 pm at the Salvation Army 893 Lander Ave. Turlock, CA. We will have Root Beer floats during the break. There will be a license testing session at 6:00 pm before the meeting (CANCELLED). There will be a presentation on Field Day by Dinni N6TLW.

Wednesday 19<sup>th</sup> Merced ARES meeting 6:00 pm at the Pizza Factory 3146 G Street Merced, CA. (CANCELLED)

Saturday/Sunday 22<sup>nd</sup> – 23<sup>rd</sup> Field Day.

## July

Tuesday 9<sup>th</sup> Club meeting at 7:00 pm at the Salvation Army 893 Lander Ave. Turlock, CA. In addition to the club meeting there will be a potluck dinner.

Wednesday 17<sup>th</sup> Merced ARES meeting 6:00 pm at the Pizza Factory 3146 G Street Merced, CA. (CANCELLED)

## August

Tuesday 13<sup>th</sup> Club meeting at 7:00 pm at the Salvation Army 893 Lander Ave. Turlock, CA. There will be a presentation on packet by Spencer KJ6ART.

Wednesday 21<sup>st</sup> Merced ARES meeting 6:00 pm at the Pizza Factory 3146 G Street Merced, CA. (CANCELLED)



#### **TARC System Nets**

- TARC Tuesday Night Net - Tuesdays 7 PM, except for the second Tuesday
- Bacon and Eggs Net - Weekdays 7 AM
- Merced ARES Net - Mondays 7 PM
- San Joaquin Section ARES Net - Sundays 7:30 PM

## 2024 Dues

Just a reminder, dues are now payable for 2024. Dues help with upkeep on the TARC repeater system and club events. Please include a [membership application](#) to help keep our information up to date. Thanks!

- Individual Membership: \$25
- Family Membership: \$35

Are you receiving TARC emails? If not [head over to W6BXN.org](http://W6BXN.org) and subscribe.

## 2024 Club Officers

In an effort to further protect TARC members' personal information, we will no longer post the list of members on the club website. For all club inquiries, including membership status, please send an email to [info@w6bxn.org](mailto:info@w6bxn.org).

President Bambi KI6YQL

Vice President/ARC-OVER Editor Lucian KF6NPG

Secretary Eric K7RKU

Treasurer Mike KG6VFL

Sergeant at Arms Jerry KN6GJK

Member at Large/ Membership John N6JCS

Member at Large Lynn KM6DKF

Club Trustee Spencer KJ6ART

We are always looking for articles or items of interest for the ARC-OVER. If you have something for the newsletter, please send to [info@w6bxn.org](mailto:info@w6bxn.org).

